

REMARKS/ARGUMENTS

Claims 1-2 and 4-22 are pending in the application with claim 16 allowed, claims 1-2, 4-6, 15, 17, and 20-22 rejected, and claims 7-14 and 18-19 objected.. Reexamination and reconsideration are hereby requested.

Claims 1, 4, 15, and 20-22 were rejected as anticipated by de Lantremange. The Examiner pointed to Fig.1 filter 32 as the first filter of claims 1 and 20.

Applicants reply that amended claims 1 and 20 require an explicit first filter adaptation, and this differs from de Lantremange which has filter 32 adaptation dependent upon the phase compensation feedback as indicated at column 10, equation (6). Claims 4, 15, and 21-22 depend from claim 1.

Claim 2 was rejected as unpatentable over de Lantremange in view of White.

Applicants rely on the patentability of parent claim 1.

Claim 5 was rejected as unpatentable over de Lantremange in view of Nikias.

Applicants rely on the patentability of parent claim 1.

Claim 6 was rejected as unpatentable over de Lantremange in view of Famm.

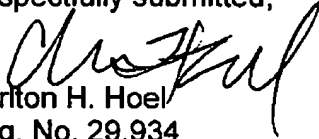
Applicants rely on the patentability of parent claim 1.

Claim 17 was rejected as unpatentable over de Lantremange in view of Chalmers; the Examiner cited Chalmers (Fig.3) for showing A/D prior to baseband conversion.

Applicants reply that Chalmers is a spread spectrum receiver, and Fig.3 has input from Fig.2c which has already downconverted from carrier to a wideband IF prior to A/D and despreading; see column 2, lines 23-27. In contrast, de Lantremange is a cable TV receiver with no despreading problem. Thus there is no suggestion to combine the references.

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Respectfully submitted,


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